

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Gregory B. Altshuler

Application No:

10/680,705

Filing Date:

October 7, 2003

Entitled:

METHOD AND APPARATUS

FOR PERFORMING

PHOTOBIOSTIMULATION

Atty. Docket No:

105090-194

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Conf. No. Not Yet Assigned

Group Art Unit: N/A

Examiner: Not Yet Assigned

TRANSMITTAL LETTER

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Statement Filed Pursuant To The Duty Of Disclosure Under 37 CFR §§1.56, 1.97 And 1.98 (5 Sheets)
- 2. 1449 Form (7 Sheets)
- 3. Return Receipt postcard

The Commissioner is hereby authorized to charge any underpayments or overpayments in connection with this filing to our Deposit Account No. 141449, Reference No. 105090-194, Customer No. 021125. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

February 5, 200

Date

Thomas J. Engellenner, Reg. No. 28,711

Respectfully submitted,

NUTTER, MCCLEMMEN & FISH, LLP

Thomas J. Engellenner

Registration No.: 28,71

NUTTER, MCCLENNEN & FISH LLP

World Trade Center West

155 Seaport Blvd.

Boston, MA 02210-2604

Tel: (617) 439-2948 Fax (617) 310-9948

Attorney for Applicant



DOCKET NO: 105090-194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Gregory B. Altshuler et al.

Application No:

10/680,705

Filing Date:

October 7, 2003

Entitled:

METHOD AND APPARATUS

FOR PERFORMING

PHOTOBIOSTIMULATION

Atty. Docket No:

105090-194

Conf. No. Not Yet Assigned

Group Art Unit: N/A

Examiner: Not Yet Assigned

CERTIFICATE OF MAILING

The undersigned hereby certifies that this document is being deposited with the United States Postal Service in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: February 5, 2004

Thomas J. Engellenner, Reg No. 28,711

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants hereby cite for the record in this application the documents listed on the attached copy of PTO Form 1449. Due to the voluminous nature of this disclosure, a copy of the references are not submitted herewith. The Examiner is kindly requested to call the Attorney for Applicants to request that copies of the references be sent directly to the Examiner's office.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. Accordingly, Applicant believes that no fee or certification is required in accordance with §1.97(b)(3). However, if any additional fee is due, the Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 105090-194, Customer No. 021125.

PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicants hereby make the following additional information of record in the above-identified application.

Serial No.	Filing Date	Inventor(s)
09/731,496	December 7, 2000	A. Durkin et al.
09/769,960	January 25, 2001	R. Anderson et al.
09/819,081	February 15, 2001	McDaniel
09/819,082	February 15, 2001	McDaniel
09/847,043	April 30, 2001	H. Zenzie
09/986,367	November 8, 2001	McDaniel
10/033,302	December 27, 2001	R. Anderson et al.
10/080,652	February 22, 2002	G. Altshuler et al.
10/052,474	January 18, 2002	G. Altshuler et al.

Serial No.	Filing Date	Inventor(s)
10/144,983	May 15, 2002	S. Ella
10/154,756	May 23, 2002	G. Altshuler et al.
10/188,319	July 2, 2002	G. Altshuler et al.
10/245,825	September 17, 2002	G. Altshuler et al.
10/267,610	October 9, 2002	M. Inochkin et al.
10/274,582	October 21, 2002	G. Altshuler et al.
10/331,134	December 27, 2002	G. Altshuler et al.
10/442,598	May 21, 2003	G. Altshuler et al.
10/417,769	April 17, 2003	G. Altshuler et al.
10/424,114	April 25, 2003	M. Black

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The following are remarks concerning the other information cited:

AT 400 305 B generally relates to a device for treatment of skin zones.

DE 3837248 A1 generally relates to a device for the treatment of skin changes.

EP 1038505 A2 generally relates to a radiation apparatus for optical thermolysis.

FR 2199453 generally relates to a cooling device for phototherapy with high light levels.

FR 2591902 generally relates to an apparatus for external laser therapy.

RU4954402 (Pub. No. 2122848) generally relates to a reflexotherapy device.

RU94012665 (Pub. No. 2089126) generally relates to a method of treatment of tooth hard tissues by laser radiation and device for its realization.

RU94040344 (Pub. No. 2089127) generally relates to a method of treatment of tooth hard tissues by laser radiation and device for its realization.

RU95102749 (Pub. No. 2096051) generally relates to an apparatus for laser treatment of biological tissues.

RU95105406 (Pub. No. 2082337) generally relates to a tip piece of laser system for treating biological tissue.

WO 96/25979 generally relates to devices for use in the laser treatment of biological tissue and variants thereof.

WO 01/42671 A1 generally relates to a guide rail for a linear bearing.

PART IV: Remarks

It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Dated: February 5, 2004

Respectfully submitte

Thomas J. Engellenner Registration No.: 28,711

NUTTER MCCLENNEN & FISH LLP

World Trade Center West 155 Seaport Boulevard

Boston, Massachusetts 02210-2604

(617)439-2948

(617)310-9948 FAX

Attorney for Applicant

FORM PTO-1449/A and B (Modified) FB INFORMATION DISCUSSION

Sheet

INFORMATION DISCUSLIBED STATEMENT BY APPLICANT

APPLICATION NO.: 10/680,705

ATTY. DOCKET NO.: 105090-194

FILING DATE:

October 7, 2003

CONFIRMATION NO.: Not Yet Assigned

APPLICANT:

Gregory B. Altshuler et al.

of 7 GROUP ART UNIT: N/A

EXAMINER: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Docume	nt	Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document
Initials#	No.	Number	Kind Code	Document	MM-DD-YYY
	1	Re. 36,634		Ghaffari	03-28-2000
	2	3,327,712		Kaufman et al.	06-27-1967
	3	3,527,932		Thomas	09-08-1970
	4	3,538,919		Meyer	11-10-1970
	5	3,622,743		Muncheryan	11-23-1971
	6	3,693,623		Harte et al.	09/26-1972
	7	3,818,914		Bender	06-25-1974
	8	3,834,391		Block	09-10-1974
· · · · · · · · · · · · · · · · · · ·	9	3,900,034		Katz et al.	08-19-1975
	10	4,233,493		Nath	11-11-1980
	11	4,273,109		Enderby	06-16-1981
	12	4,316,467		Muckerheide	02-23-1982
	13	4,388,924		Weissman et al.	06-21-1983
	14	4,461,294		Baron	07-24-1984
	15	4,539,987		Nath et al.	09-10-1985
	16	4,608,978		Rohr	09-02-1986
	17	4,617,926		Sutton	10-21-1986
	18	4,695,697		Kosa	09-22-1987
	19	4,718,416	·	Nanaumi	01-12-1988
	20	4,733,660	,	Itzkan	03-29-1988
*	21	4,747,660		Nishioka et al.	05-31-1988
	22	4,819,669		Politzer	04-11-1989
	23	4,832,024		Boussignac et al.	05-23-1989
	24	4,860,172		Schlager et al.	08-22-1989
	25	4,860,744		Johnson et al.	08-29-1989
	26	4,917,084		Sinofsky	04-17-1990
	27	4,926,227		Jensen	05-15-1990
	28	4,945,239		Wist et al.	07-31-1990
	29	5,000,752		Hoskin et al.	03-19-1991
	30	5,057,104		Chess	10-15-1991
	31	5,059,192		Zaias	10-22-1991
	32	5,065,515		Iderosa	11-19-1991
	33	5,071,417		Sinofsky	12-10-1991
	34	5,108,388		Trokel	04-28-1992
	35	5,137,530		Sand	08-11-1992

FEB 0. 9 2004 25			
FEB 0. 9 2004 55	5,140,984	Dew et al.	08-25-1992
THADE 37	5,178,617	Kuizenga et al.	01-12-1993
38	5,182,557	Lang	01-26-1993
39	5,182,857	Simon	02-02-1993
40	5,196,004	Sinofsky	03-23-1993
41	5,207,671	Franken et al.	05-04-1993
42	5,225,926	Cuomo et al.	07-06-1993
43	5,226,907	Tankovich	07-13-1993
44	5,282,797	Chess	02-01-1994
45	5,300,097	Lerner et al.	04-05-1994
46	5,304,170	Green	04-19-1994
47	5,306,274	Long	04-26-1994
48	5,320,618	Gustafsson	06-14-1994
49	5,334,191	Poppas et al.	08-02-1994
50	5,334,193	Nardella	08-02-1994
51	5,344,418	Ghaffari	09-06-1994
52	5,344,434	Talmore	09-06-1994
53	5,348,551	Spears et al.	09-20-1994
54	5,350,376	Brown	09-27-1994
55	5,380,317	Everett et al.	01-10-1995
56	5,403,306	Edwards et al.	04-04-1995
57	5,405,368	Eckhouse	04-11-1995
58	5,415,654	Daikuzono	05-16-1995
59	5,425,728	Tankovich	06-20-1995
60	5,474,549	Ortiz et al.	12-12-1995
61	5,486,172	Chess	01-23-1996
62	5,505,726	Meserol	04-09-1996
63	5,505,727	Keller	04-09-1996
64	5,519,534	Smith et al.	05-21-1996
65	5,522,813	Trelles	06-04-1996
66	5,531,739	Trelles	06-02-1996
67	5,558,667	Yarborough et al.	09-24-1996
68	5,578,866	DePoorter et al.	11-26-1996
69	5,595,568	Anderson et al.	01-21-1997
70	5,616,140	Prescott	04-01-1997
71	5,620,478	Eckhouse	04-15-1997
72	5,626,631	Eckhouse	05-06-1997
73	5,630,811	Miller	05-20-1997
74	5,649,972	Hochstein	07-22-1997
75	5,655,547	Karni	08-12-1997
76	5,658,323	Miller	08-19-1997
77	5,662,643	Kung et al.	09-02-1997
78	5,662,644	Swor	09-02-1997
79	5,683,380	Eckhouse et al.	11-04-1997
80	5,698,866	Doiron et al.	12-16-1997

	, ค)			
9 2004	OFFICE			
TRACE	81	5,707,403	Grove et al.	01-13-1998
Innu	82	5,720,772	Eckhouse	02-24-1998
	83	5,735,844	Anderson, et al.	04-07-1998
	84	5,735,884	Thompson et al.	04-07-1998
	85	5,743,901	Grove et al.	04-28-1998
	86	5,755,751	Eckhouse	05-26-1998
	87	5,759,200	Azar	06-02-1998
	88	5,782,249	Weber et al.	07-21-1998
	89	5,810,801	Anderson et al.	09-22-1998
-	90	5,817,089	Tankovich et al.	10-06-1998
	91	5,820,625	Izawa et al.	10-13-1998
	92	5,820,626	Baumgardner	10-13-1998
	93	5,824,023	Anderson	10-20-1998
	94	5,828,803	Eckhouse	10-27-1998
	95	5,830,208	Muller	11-03-1998
	96	5,836,999	Eckhouse et al.	11-17-1998
	97	5,840,048	Cheng	11-24-1998
	98	5,849,029	Eckhouse et al.	12-15-1998
	99	5,853,407	Miller	12-29-1998
	100	5,885,211	Eppstein et al.	03-23-1999
	101	5,885,273	Eckhouse et al.	03-23-1999
	102	5,885,274	Fullmer et al.	03-23-1999
	103	5,891,063	Vigil	04-06-1999
	104	5,944,748	Mager et al.	08-31-1999
	105	5,948,011	Knowlton	09-07-1999
	106	5,954,710	Paolini et al.	09-21-1999
	107	5,964,749	Eckhouse et al.	10-12-1999
	108	5,968,033	Fuller	10-19-1999
	109	5,968,034	Fullmer et al.	10-19-1999
	110	6,015,404	Altshuler et al.	01-18-2000
	111	6,027,495	Miller	02-22-2000
	112	6,050,990	Tankovich et al.	04-18-2000
	113	6,056,738	Marchitto et al.	05-02-2000
	114	6,059,820	Baronov	05-09-2000
	115	6,074,382	Asah et al.	06-13-2000
	116	6,080,146	Altshuler et al.	06-27-2000
	117	6,096,029	O'Donnell, Jr.	08-01-2000
	118	6,096,209	O'Brien et al.	08-01-2000
	119	6,104,959	Spertell	08-15-2000
		1	I	1 00 10 2000

Anderson

Eckhouse

O'Donnell

Stewart

Streeter

Xie

B1

B1

09-19-2000

11-21-2000

01-16-2001

03-06-2001

05-22-2001

07-31-2001

6,120,497

6,149,644

6,174,325

6,197,020

6,235,016

6,267,780

120

121

122

123

124

125

FEB 0 9 7004	OFFICE S.P.				
TO TRADENT	126	6,273,884		Altshuler et al.	08-14-2001
	127	6,273,885	B1	Koop et al.	08-14-2001
	128	6,280,438	B1	Eckhouse et al.	08-28-2001
	129	6,306,130		Anderson et al.	10-23-2001
	130	6,354,370		Miller et al.	03-12-2002
	131	6,471,712		Виггеѕ	10-29-2002
	132	6,475,211		Chess et al.	11-05-2002
	133	6,508,813		Altshuler	01-21-2003
	134	6,511,475		Altshuler et al.	01-28-2003
	135	6,517,532		Altshuler et al.	02-11-2003
	136	6,605,080		Altshuler et al.	08-12-2003
	137	6,648,904		Altshuler et al.	11-18-2003

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Office/	eign Patent Doci Number	Kind	Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document	Translation (Y/N)
	 	Country		Code		MM-DD-YYYY	
	138	AT	400305	В	Divida GES.M.B.H.	04-15-1995	N
	139	AU	1851583	A	The University of Adelaide	03-01-1984	
	140	DE	3837248	A1	Teichmann	05-03-1990	N
ı	141	EP	0142671	A1	Carol Block, Ltd.	05-29-1985	
	142	EP	0565331	A2	ESC Inc.	10-13-1993	
	143	EP	0598984	A1	CeramOptec GmbH	06-01-1994	
	144	EP	0724894	A2	ESC Medical Systems Ltd.	08-07-1996	
	145	EP	0726083	A2	ESC Medical Systems Ltd.	08-14-1996	
	146	EP	0736308	A2	ESC Medical Systems Ltd.	10-09-1996	
	147	EP	0755698	A2	ESC Medical Systems Ltd.	01-29-1997	
	148	EP	0763371	A2	ESC Medical Systems Ltd.	03-19-1997	
	149	EP	0765673	A2	ESC Medical Systems Ltd.	04-02-1997	
	150	EP	0765674	A2	ESC Medical Systems Ltd.	04-02-1997	
	151	EP	0783904	A2	ESC Medical Systems Ltd.	07-16-1997	
	152	EP	1038505	A2	PlasmaPhotonics GmbH	09-27-2000	N
	153	EP	1219258	A1	General Hospital Corporation	07-03-2002	
	154	FR	2199453		Francis Paul Busser	04-12-1974	
	155	FR	2591902		Societe de Therapies Naturelles Atmos.	06-26-1987	N
_	156	GB	2044908	A	Wolf	10-22-1980	
	157	GB	2123287	A	Sutton	02-01-1984	
	158	GB	2360946	A	Lynton Lasers Limited	10-10-2001	
	159	RU	2122848	C1	Uchebno-nauchno-proizvodstvennyj lazernyj tsentr	10-12-1998	Y(abstract
	160	RU	2089126	Cl	Altshuler	10-09-1997	Y(abstract
	161	RU	2089127	C1	Altshuler	10-09-1997	Y(abstract
	162	RU	2096051	C1	Altshuler	11-20-1997	Y(abstract

	5/						
TA TRACK MAN	163	RU	2082337	C1	Altshuler	06-27-1997	Y(abstract)
	164	wo	86/02783		Candela Corporation	05-09-1986	
	165	wo	90/00420		Rowland et al.	01-25-1990	
	166	wo	92/16338		Kelman	01-10-1992	
	167	wo	92/19165		Victoria University of Manchester	11-12-1992	
	168	wo	93/05920		Warner-Lambert Company	04-01-1993	
	169	wo	95/15725		Clement et al.	06-15-1995	
	170	wo	95/32441		Gov't of United States of America	11-30-1995	
	171	wo	96/23447		General Hospital Corporation	08-08-1996	
	172	wo	96/25979		Altshuler	08-29-1996	Y(abstract)
	173	wo	97/13458		General Hospital Corporation	04-17-1997	
	174	wo	98/04317		Light Sciences Ltd. Partnership	02-05-1998	
	175	wo	98/24507		Thermolase Corporation	06-11-1998	
	176	wo	98/51235		Palomar Medical Technologies, Inc.	11-19-1998	
	177	wo	98/52481		Medical Laser Technologies, Ltd.	11-26-1998	
	178	wo	99/27997	A1	ESC Medical Systems Ltd.	06-10-1999	
	179	wo	99/29243		Thermolase Corporation	06-17-1999	
	180	wo	99/38569		Kiefer Corp.	08-05-1999	
	181	wo	99/46005		Palomar Medical Technologies, Inc.	09-16-1999	
•	182	wo	99/49937	A1	General Hospital Corporation	10-07-1999	
	183	wo	00/03257		Sigma Systems Corp.	01-20-2000	
	184	wo	00/71045	A1	Sharon	11-30-2000	
	185	wo	00/78242	A1	Spectrx, Inc.	12-28-2000	
	186	wo	00/74781	A1	SLS Biophile Limited	12-14-2000	
	187	wo	01/03257	A1	Asah Medico A/S	01-11-2001	
	188	WO	01/34048	A1	Palomar Medical Technologies, Inc.	05-17-2001	
	189	wo	01/42671	A1	Gorgens	06-14-2001	Y(abstract)
	190	WO	01/54606	A1	Palomar Medical Technologies, Inc.	08-02-2001	
	191	wo	02/53050	A1	Palomar Medical Technologies, Inc.	07-11-2002	
	192	wo	02/094116	A1	Palomar Medical Technologies, Inc.	11-28-2002	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	193	G.B. Altshuler et al., "Acoustic response of hard dental tissues to pulsed laser action," SPIE, Vol. 2080, Dental Application of Lasers, pp. 97-103, 1993	
	194	G.B. Altshuler et al., "Extended theory of selective photothermolysis," Lasers in Surgery and Medicine, Vol. 29, pp. 416-432, 2001	
	195	R.L. Amy & R. Storb, "Selective mitochondrial damage by a ruby laser microbeam: An electron microscopic study," Science, Vol. 15, pp. 756-758, November 1965	
	196	R.R. Anderson et al., "The optics of human skin," Journal of Investigative Dermatology, Vol. 77, No. 1, pp. 13-19, 1981	
-	197	R.R. Anderson & J.A. Parrish, "Selective photothermolysis: Precise microsurgery by selective absorption of pulsed radiation," Science, Vol. 220, pp. 524-527, April 1983	
	198	A.V. Belikov et al., "Identification of enamel and dentine under tooth laser treatment," SPIE Vol. 2623, Progress in Biomedical Optics Europe Series, Proceedings of Medical Applications of Lasers III, pp. 109-116, September 1995	

0 8 2004 E			
FEB 9 2004 E	199	P. Bjerring et al., "Selective Non-Ablative Wrinkle Reduction by Laser," J Cutan Laser Ther, Vol. 2,	
TE TRADE		pp. 9-15, 2000	
	200	J.S. Dover et al., "Pigmented guinea pig skin irradiated with Q-switched ruby laser pulses," Arch Dermatol, Vol. 125, pp. 43-49, January 1989	
	201	L.H. Finkelstein & L.M. Blatstein, "Epilation of hair-bearing urethral grafts using the neodymium:yag surgical laser," Journal of Urology, Vol. 146, pp. 840-842, September 1991	
	202	L. Goldman, Biomedical Aspects of the Laser, Springer-Verlag New York Inc., publishers, Chapts. 1, 2, & 23, 1967	
	203	L. Goldman, "Dermatologic manifestations of laser radiation," Proceedings of the First Annual Conference on Biologic Effects of Laser Radiation, Federation of American Societies for Experimental Biology, Supp. No. 14, pp. S-92-S-93, Jan-Feb 1965	
	204	L. Goldman, "Effects of new laser systems on the skin," Arch Dermatol., Vol. 108, pp. 385-390, September 1973	
	205	L. Goldman, "Laser surgery for skin cancer," New York State Journal of Medicine, pp. 1897-1900, October 1977	
	206	L. Goldman, "Surgery by laser for malignant melanoma," J. Dermatol. Surg. Oncol., Vol, 5, No. 2, pp. 141-144, February 1979	
	207	L. Goldman, "The skin," Arch Environ Health, Vol. 18, pp. 434-436, March 1969	
	208	L. Goldman & D.F. Richfield, "The effect of repeated exposures to laser beams," Acta dermvernereol., Vol. 44, pp. 264-268, 1964	
	209	L. Goldman & R.J. Rockwell, "Laser action at the cellular level," JAMA, Vol. 198, No. 6, pp. 641-644, November 1966	
•	210	L. Goldman & R.G. Wilson, "Treatment of basal cell epithelioma by laser radiation," JAMA, Vol. 189, No. 10, pp. 773-775	
	211	L. Goldman et al., 'The biomedical aspects of lasers," JAMA, Vol. 188, No. 3, pp. 302-306, April 1964	
	212	L. Goldman et al., "Effect of the laser beam on the skin, Preliminary report" Journal of Investigative Dermatology, Vol. 40, pp. 121-122, 1963	
	213	L. Goldman et al., "Effect of the laser beam on the skin, III. Exposure of cytological preparations," Journal of Investigative Dermatology, Vol. 42, pp. 247-251, 1964	
	214	L. Goldman et al., "Impact of the laser on nevi and melanomas," Archives of Dermatology, Vol. 90, pp. 71-75, July 1964	
	215	L. Goldman et al., "Laser treatment of tattoos, A preliminary survey of three year's clinical experience," JAMA, Vol. 201, No. 11, pp. 841-844, September 1967	
	216	L. Goldman et al., "Long-term laser exposure of a senile freckle," ArchEnviron Health, Vol. 22, pp. 401-403, March 1971	
	217	L. Goldman et al., "Pathology, Pathology of the effect of the laser beam on the skin," Nature, Vol. 197, No. 4870, pp. 912-914, March 1963	
	218	L. Goldman et al., "Preliminary investigation of fat embolization from pulsed ruby laser impacts of bone," Nature, Vol. 221, pp. 361-363, January 1969	
	219	L. Goldman et al., "Radiation from a Q-switched ruby laser, Effect of repeated impacts of power output of 10 megawatts on a tattoo of man," Journal of Investigative Dermatology, Vol. 44, pp. 69-71, 1965	
	220	L. Goldman et al., "Replica microscopy and scanning electron microscopy of laser impacts on the skin," Journal of Investigative Dermatology, Vol. 52, No. 1, pp. 18-24, 1969	
	221	M.C. Grossman et al., "Damage to hair follicles by normal-mode ruby laser pulses," Journal of he American Academy of Dermatology, Vol. 35, No. 6, pp. 889-894, December 1996	
	222	E. Klein et al., "Biological effects of laser radiation 1.," Northeast Electroncis Research and Engineering Meeting, NEREM Record, IEEE catalogue no. F-60, pp. 108-109, 1965	
	223	J.G. Kuhns et al., "Laser injury in skin," Laboratory Investigation, Vol. 17, No. 1, pp. 1-13, July 1967	
	224	J.G. Kuhns et al., "Biological effects of laser radiation II Effects of laser irradiation on the skin," NEREM Record, pp. 152-153, 1965	
	225	R.J. Margolis et al., "Visible action spectrum for melanin-specific selective photothermolysis," Lasers in Surgery and Medicine, Vol. 9, pp. 389-397, 1989	
	226	J.A. Parrish, "Selective thermal effects with pulsed irradiation from lasers: From organ to organelle," Journal of Investigative Dermatology, vol. 80, No. 6 Supplement, pp. 75s-80s, 1983	

.1	227	L. Polla et al., "Melanosomes are a primary target of Q-switched ruby laser irradiation in guinea pig	
& TRACE!	Y	skin," Journal of Investigative Dermatology, Vol. 89, No. 3, pp. 281-286, September 1987	
	228	T. Shimbashi & T. Kojima, "Ruby laser treatment of pigmented skin lesions," Aesth. Plast. Surg., Vol. 19, pp. 225-229, 1995	
	229	Stratton, K., et al., "Biological Effects of Laser Radiation II: ESR Studies of Melanin Containing Tissues after Laser Irradiation," Northeast Electronics Research and Engineering Meeting – NEREM Record, IEEE Catalogue No. F-60, pp. 150-151, November 1965	
	230	C.R. Taylor et al., "Treatment of tattoos by Q-switched ruby laser," Arch. Dermatol. Vol. 126, pp. 893-899, July 1990	
	231	V.V. Tuchin, "Laser light scattering in biomedical diagnostics and therapy," Journal of Laser Applications, Vol. 5, No. 2-3, pp. 43-60, 1993	
	232	S. Watanabe et al, "Comparative studies of femtosecond to microsecond laser pulses on selective pigmented cell injury in skin," Photochemistry and Photobiology, Vol. 53, No. 6, pp. 757-762, 1991	
	233	A.J. Welch et al., "Evaluation of cooling techniques for the protection of the pidermis during HD-yag laser irradiation of the skin," Neodymium-Yag Laser in Medicine and Surgery, Elsevier Science Publishing Co., publisher, pp. 195-204, 1983	
	234	R.B. Yules et al., "The effect of Q-switched ruby laser radiation on dermal tattoo pigment in man," Arch Surg, Vol. 95, pp. 179-180, August 1967	
	235	E. Zeitler and M. L. Wolbarsht, "Laser Characteristics that Might be Useful in Biology," Laser Applications in Medicine and Biology, Vol. I, M.L. Wolbarsht, editor, Plenum Press, publishers, Chapter 1, pp. 1-18, 1971	
	236	Abstracts Nos. 17-19, Lasers in Surgery and Medicine, ASLMS, Supplement 13, 2001	
	237	Abstracts Nos. 219-223, ASLMS	
	238	Abstracts, various	
	239	Invention description to certificate of authorship, No. 532304, "The way of investigation of radiation time structure of optical quantum generator"	
	240	Invention description to certificate of authorship, No. 719439, "The ring resonator of optical quantum generator"	
	241	Invention description to certificate of authorship, No. 741747, "The modulator of optical radiation intensity"	
	242	Invention description to certificate of authorship, No. SU 1257475 A1, "Laser interferometric device to determine no-linearity of an index of refraction of optical medium"	
	243	Invention description to certificate of authorship, No. SU 1326962 A1, "The way of determination of non-linearity of an index of refraction of optical medium"	

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

DATE CONSIDERED

EXAMINER

Include copy of this form with next communication to applicant.